

CDX4 Antibody (monoclonal) (M06)**Mouse monoclonal antibody raised against a partial recombinant CDX4.****Catalog # AT1487a****Specification**

CDX4 Antibody (monoclonal) (M06) - Product Information

Application	WB, E
Primary Accession	O14627
Other Accession	NM_005193.1
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	30480

CDX4 Antibody (monoclonal) (M06) - Additional Information**Gene ID** 1046**Other Names**

Homeobox protein CDX-4, Caudal-type homeobox protein 4, CDX4

Target/Specificity

CDX4 (NP_005184.1, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CDX4 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

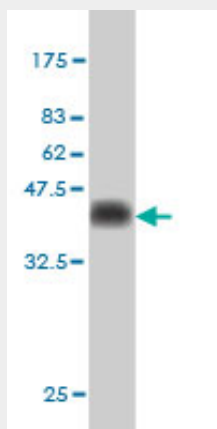
CDX4 Antibody (monoclonal) (M06) - Protocols

Provided below are standard protocols that you may find useful for product applications.

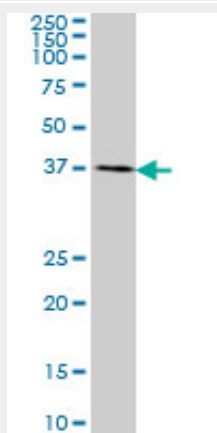
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

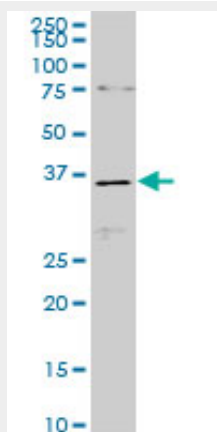
CDX4 Antibody (monoclonal) (M06) - Images



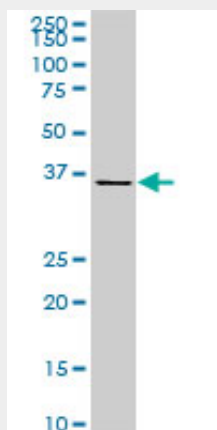
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



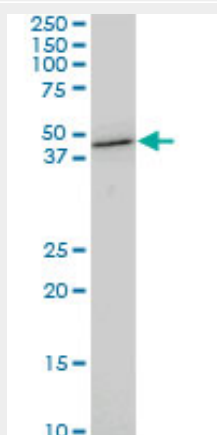
CDX4 monoclonal antibody (M06), clone 3F3 Western Blot analysis of CDX4 expression in HeLa (Cat # AT1487a)



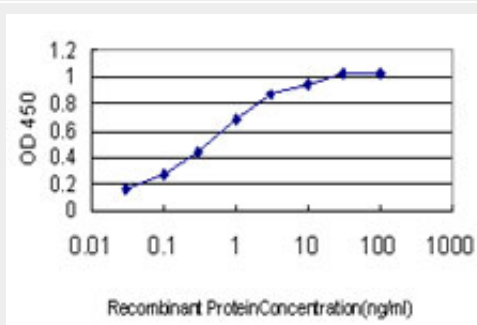
CDX4 monoclonal antibody (M06), clone 3F3. Western Blot analysis of CDX4 expression in PC-12 (Cat # AT1487a)



CDX4 monoclonal antibody (M06), clone 3F3. Western Blot analysis of CDX4 expression in Raw 264.7 (Cat # AT1487a)



CDX4 monoclonal antibody (M06), clone 3F3. Western Blot analysis of CDX4 expression in NIH/3T3 (Cat # AT1487a)



Detection limit for recombinant GST tagged CDX4 is approximately 0.03ng/ml as a capture antibody.

CDX4 Antibody (monoclonal) (M06) - References

The DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651. Cdx protein interaction with Hoxa5 regulatory sequences contributes to Hoxa5 regional expression along the axial skeleton. Tabari's S, et al. Mol Cell Biol, 2005 Feb. PMID 15684390. The Cdx1 homeodomain protein: an integrator of posterior signaling in the mouse. Lohnes D. Bioessays, 2003 Oct. PMID 14505364. Generation and initial analysis of more than 15,000 full-length human

and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Localization and expression analysis of a novel conserved brain expressed transcript, Brx/BRX, lying within the Xic/XIC candidate region. Simmler MC, et al. Mamm Genome, 1997 Oct. PMID 9321471.